

Listing of the Claims:

Claim 1. (original) A process for producing transfer factor, said process comprising the steps of: immunizing a female bird with a sufficient quantity of at least one selected antigen so that said bird develops immunity to said at least one antigen; after said bird develops immunity to said at least one antigen, collecting eggs laid by said bird; and treating said eggs to recover transfer factor therefrom.

Claim 2. (original) The process as recited in claim 1, wherein said treating step further comprises the steps of: separating the egg yolks from said eggs; mixing said egg yolks with water to produce a suspension; removing cells and cell debris from said suspension to produce a fluid containing at least some of said transfer factor; and recovering said fluid.

Claim 3. (original) The process as recited in claim 1, wherein said treating step further comprises the steps of: separating the egg whites from said eggs; mixing said egg whites with water to produce a suspension; removing cells and cell debris from said suspension to produce a fluid containing at least some of said transfer factor; and recovering said fluid.

Claim 4. (original) The process as recited in claim 1, wherein said treating step further comprises the steps of: mixing the egg whites and egg yolks with water to produce a suspension; removing cells and cell debris from said suspension to produce a fluid containing at least some of said transfer factor; and recovering said fluid.

Claim 5. (original) The process as recited in claim 1, wherein said transfer factor is contained in a fluid recovered from said eggs, further comprising the step of evaporating said fluid.

Claim 6. (original) The process as recited in claim 1, further comprising the step of adding an effective amount of natural egg yolk to said composition.

Claim 7. (original) The process as recited in claim 1, further comprising the step of adding an effective amount of sodium chlorate to said composition.

Claim 8. (original) The process as recited in claim 1, further comprising the initial step of administering an effective dose of sodium chlorate to said birds.

Claim 9. (original) The process as recited in claim 1, wherein said bird is of the family Phasianidae.

Claims 10 – 20. (cancelled)

Claim 21. (new claim) A method for obtaining transfer factor, comprising:
exposing a non-mammalian source animal to at least one antigenic agent that will cause said non-mammalian source animal to elicit a T-cell mediated immune response;

permitting said non-mammalian source animal to elicit a T-cell mediated immune response to said at least one antigenic agent;

collecting at least one egg from said non-mammalian source animal following said T-cell mediated immune response, said at least one egg including transfer factor that transfer cellular immunity to a mammal in vivo and that includes transfer factor molecules having molecular weights of about 4,000 Da to about 5,000 Da.

Claim 22. (new claim) A method for obtaining transfer factor specific for a systemic pathogen, comprising:

exposing a non-mammalian source animal to at least one antigenic agent for causing said non-mammalian source animal to illicit a T-cell mediated immune response to the systemic pathogen;

permitting said non-mammalian source animal to elicit a T-cell mediated immune response to said at least one antigenic agent, said T-cell mediated immune response resulting in generation of transfer factor specific for the systemic pathogen; and

following said T-cell mediated immune response, collecting transfer factor specific for said systemic pathogen, which transfers cellular immunity to a mammal in vivo and includes transfer factor molecules having molecular weights of about 4,000 Da to about 5,000 Da, from at least one egg of said non-mammalian source animal.